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(54) **ELECTRONIC APPARATUS AND COVER THEREFOR AND MANUFACTURE FOR COVER THEREFOR**

indirectly be displayed, based on heating attributed to a load to the power source.

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(57) Abstract:

PROBLEM TO BE SOLVED: To visually display use of electronic apparatus based on temperature change.

SOLUTION: A cover of a hand-held mobile telephone system (MS) is coated with a liquid crystal discolored incidentally to change in temperatures, i.e., a thermal chrome liquid crystal TLC, or is mixed so as to contain a liquid crystal. As the thermal chrome liquid crystal discolored reversibly or irreversibly in the range of several different discolored temperatures, it can be used. If temperatures change, a part of a cover C including the TLC discolored, and a pattern A1 in response to a thermal slope is formed. The discolored displays both heating from externally to a mobile telephone, and heating by internal energy consumption of the mobile telephone. Accordingly, slowly vanishing traces by depressing keys are left behind together with the discolored, or a use time of the remainder of a battery to be used as a power source of the mobile telephone can

